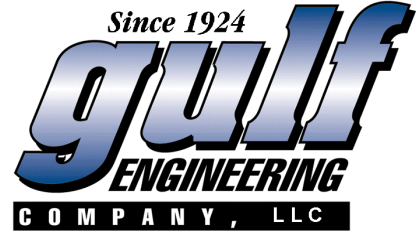


# Gessco™ 500\*

## Product Data Sheet



<b>Product Type</b>	Closed-loop and engine cooling system corrosion inhibitor												
<b>Description</b>	Nitrite-borate corrosion inhibitor for closed-loop systems and engines												
<b>Dosage</b>	Dilute 1:100 with water or to maintain 1000–1500 ppm sodium nitrite in system												
<b>Principal Users</b>	Closed-loop cooling systems operating at high or low temperatures including marine and stationary diesel engines												
<b>Features</b>	<ol style="list-style-type: none"><li>1) Protective film on metal surfaces inhibits cavitation erosion/corrosion</li><li>2) pH buffered to resist acidification of system caused by engine blow-by</li><li>3) Indicator dye changes to colorless when buffering capacity exhausted</li><li>4) Lubricates metal surfaces, water pumps, etc.</li><li>5) Low-foaming formulation.</li><li>6) Compatible with all metallic engine components as well as seals, gaskets and elastomeric parts.</li><li>7) Test and maintain proper nitrite concentration with Gessco™ 9500 Nitrite Test Kit</li></ol>												
<b>Characteristics</b>	<table border="1"><tr><td>Physical form</td><td>Clear reddish purple liquid</td></tr><tr><td>Density at 25C</td><td>1.21 (10.1 lbs/gal)</td></tr><tr><td>pH of product</td><td>11.9</td></tr><tr><td>Boiling Point</td><td>215°F (102°C)</td></tr><tr><td>Flash Point</td><td>Non-flammable</td></tr><tr><td>Solubility</td><td>Completely water-soluble</td></tr></table>	Physical form	Clear reddish purple liquid	Density at 25C	1.21 (10.1 lbs/gal)	pH of product	11.9	Boiling Point	215°F (102°C)	Flash Point	Non-flammable	Solubility	Completely water-soluble
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Solubility	Completely water-soluble												
<b>Precautions</b>	DANGER! Corrosive. Causes irritation or burns to skin, eyes and respiratory tract. DANGER! Toxic. Harmful if swallowed, inhaled or absorbed through skin. Keep from freezing. Keep out of reach of children. Goggles recommended when handling. Consult MSDS before handling.												
<b>Packaging</b>	The fourth digit of the product number designates the container size: Gessco™ 500-1 - 5 gallon polyethylene pail Gessco™ 500-2 - 30 gallon polyethylene drum Gessco™ 500-3 - 55 gallon polyethylene drum												

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